

09/48,004  
09/493,004

FILE 'USPATFULL' ENTERED AT 13:48:31 ON 16 MAY 2000  
L1 125 S DETECT### (P) (FAD### (A) CHANNEL#)  
L2 1 S DETERMIN### (P) (FAD### CHARACTERISTIC# (5W) FAD###  
CHANNEL#)  
L3 1 S QUANTIZATION CORRECTION COMMAND#  
L4 1 S DETERMIN### AND (QUANTIZ? CORRECT### COMMAND#)  
L5 403 S CORRECTION COMMAND#  
L6 15 S QUANTIZ? AND L5  
L7 1375 S VITERBI DECOD###  
L8 1 S L6 AND L7  
L9 50937 S MODULATOR#  
L10 117592 S DECODER# OR L9  
L11 6 S L6 AND L10  
SAVE FADINGCHANNEL/L ALL

=> d l11 ibib ti 1-6

L11 ANSWER 1 OF 6 USPATFULL  
ACCESSION NUMBER: 2000:41878 USPATFULL  
TITLE: Method and device for **quantizing** the input to  
soft **decoders**  
INVENTOR(S): Yellin, Daniel, Karmei Yosef, Israel  
PATENT ASSIGNEE(S): DSPC Israel Ltd., Givat Shmuel, Israel (non-U.S.  
corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 6047035	20000404
APPLICATION INFO.:	US 1998-103683	19980615 (9)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Chin, Stephen	
ASSISTANT EXAMINER:	Maddox, Michael W.	
LEGAL REPRESENTATIVE:	Darby & Darby	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 5 Drawing Page(s)	
LINE COUNT:	696	
TI	Method and device for <b>quantizing</b> the input to soft <b>decoders</b>	

L11 ANSWER 2 OF 6 USPATFULL  
ACCESSION NUMBER: 1998:34652 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital  
cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA,  
United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5734639	19980331
APPLICATION INFO.:	US 1996-646387	19960508 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-257324, filed on 7 Jun 1994, now patented, Pat. No. US 5570349	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Hsu, Alpus H.	

LEGAL REPRESENTATIVE: Zegeer, Esq., Jim  
NUMBER OF CLAIMS: 1  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 10 Drawing Page(s)  
LINE COUNT: 1167  
TI Wireless direct sequence spread spectrum digital cellular telephone system

L11 ANSWER 3 OF 6 USPATFULL

ACCESSION NUMBER: 96:99898 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5570349	19961029
APPLICATION INFO.:	US 1994-257324	19940607 (8)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Hsu, Alpus H.	
LEGAL REPRESENTATIVE:	Zegeer, Esq., Jim	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1269	
TI	Wireless direct sequence spread spectrum digital cellular telephone system	

L11 ANSWER 4 OF 6 USPATFULL

ACCESSION NUMBER: 94:111279 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5375140	19941220
APPLICATION INFO.:	US 1992-980957	19921124 (7)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Gregory, Bernarr E.	
LEGAL REPRESENTATIVE:	Zegeer, Jim	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	10	
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1335	
TI	Wireless direct sequence spread spectrum digital cellular telephone system	

L11 ANSWER 5 OF 6 USPATFULL

ACCESSION NUMBER: 90:61822 USPATFULL  
TITLE: Synchronizing circuit for a video disc playback device  
INVENTOR(S): Narusawa, Sadayuki, Hamamatsu, Japan  
PATENT ASSIGNEE(S): Yamaha Corporation, Shizuoka, Japan (non-U.S. corporation)

NUMBER	DATE
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PATENT INFORMATION: US 4947264 19900807  
APPLICATION INFO.: US 1989-388726 19890801 (7)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 1986-915071, filed on 3  
Oct

1986, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1985-221784	19851007
	JP 1985-221788	19851007
	JP 1986-102653	19860502
	JP 1986-131156	19860606
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Faber, Alan	
ASSISTANT EXAMINER:	Young, W. R.	
LEGAL REPRESENTATIVE:	Spensley, Horn, Jubas & Lubitz	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	18 Drawing Figure(s); 13 Drawing Page(s)	
LINE COUNT:	1457	
TI	Synchronizing circuit for a video disc playback device	

L11 ANSWER 6 OF 6 USPATFULL

ACCESSION NUMBER: 81:68591 USPATFULL  
TITLE: Optimizer industrial test unit  
INVENTOR(S): Malcolm, Donald H., Brooklyn Center, MN, United States  
PATENT ASSIGNEE(S): Optimizer Control Corporation, Burnsville, MN, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 4306284	19811215
APPLICATION INFO.:	US 1979-66418	19790814 (6)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Ruggiero, Joseph F.	
LEGAL REPRESENTATIVE:	Haugen, Orrin M.; Nikolai, Thomas J.	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	2	
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 18 Drawing Page(s)	
LINE COUNT:	1162	
TI	Optimizer industrial test unit	

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L6 ANSWER 1 OF 15 USPATFULL

ACCESSION NUMBER: 2000:41878 USPATFULL  
TITLE: Method and device for quantizing the input to soft decoders  
INVENTOR(S): Yellin, Daniel, Karmei Yosef, Israel  
PATENT ASSIGNEE(S): DSPC Israel Ltd., Givat Shmuel, Israel (non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 6047035	20000404
APPLICATION INFO.:	US 1998-103683	19980615 (9)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Chin, Stephen	
ASSISTANT EXAMINER:	Maddox, Michael W.	
LEGAL REPRESENTATIVE:	Darby & Darby	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 5 Drawing Page(s)	

LINE COUNT: 596  
TI Method and device for quantizing the input to speech decoders

L6 ANSWER 2 OF 15 USPATFULL

ACCESSION NUMBER: 1999:130075 USPATFULL  
TITLE: Speech recognition and editing system  
INVENTOR(S): Bunce, Erik, Stow, MA, United States  
Gerard, Douglas, Rochester, NY, United States  
Rosnow, Harley, Kirkland, WA, United States  
PATENT ASSIGNEE(S): Lernout & Hauspie Speech Products N.V., Ieper, Belgium  
(non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5970460	19991019
APPLICATION INFO.:	US 1997-986006	19971205 (8)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Hudspeth, David R.	
ASSISTANT EXAMINER:	Abebe, Daniel	
LEGAL REPRESENTATIVE:	Bromberg & Sunstein LLP	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)	
LINE COUNT:	543	
TI	Speech recognition and editing system	

L6 ANSWER 3 OF 15 USPATFULL

ACCESSION NUMBER: 1998:34652 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital  
cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA,  
United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5734639	19980331
APPLICATION INFO.:	US 1996-646387	19960508 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-257324, filed on 7 Jun 1994, now patented, Pat. No. US 5570349	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Hsu, Alpus H.	
LEGAL REPRESENTATIVE:	Zegeer, Esq., Jim	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1167	
TI	Wireless direct sequence spread spectrum digital cellular telephone system	

L6 ANSWER 4 OF 15 USPATFULL

ACCESSION NUMBER: 96:99898 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital  
cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA,  
United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5570349	19961029

APPLICATION INFO.: US 1994-257324 19940607 (8)  
DOCUMENT TYPE: Utility  
PRIMARY EXAMINER: Hsu, Alpus H.  
LEGAL REPRESENTATIVE: Zegeer, Esq., Jim  
NUMBER OF CLAIMS: 4  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 10 Drawing Page(s)  
LINE COUNT: 1269  
TI Wireless direct sequence spread spectrum digital cellular telephone system

L6 ANSWER 5 OF 15 USPATFULL

ACCESSION NUMBER: 94:111279 USPATFULL  
TITLE: Wireless direct sequence spread spectrum digital cellular telephone system  
INVENTOR(S): Bustamante, Herman, Millbrae, CA, United States  
Natali, Francis, Townsend, WA, United States  
Magill, David T., Palo Alto, CA, United States  
PATENT ASSIGNEE(S): Stanford Telecommunications, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5375140	19941220
APPLICATION INFO.:	US 1992-980957	19921124 (7)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Gregory, Bernarr E.	
LEGAL REPRESENTATIVE:	Zegeer, Jim	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	10	
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1335	
TI	Wireless direct sequence spread spectrum digital cellular telephone system	

L6 ANSWER 6 OF 15 USPATFULL

ACCESSION NUMBER: 94:82900 USPATFULL  
TITLE: Digital serializer and time delay regulator  
INVENTOR(S): Guo, Bin, Cupertino, CA, United States  
Kubinec, James J., Reno, NV, United States  
PATENT ASSIGNEE(S): Advanced Micro Devices, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5349612	19940920
APPLICATION INFO.:	US 1992-901312	19920619 (7)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Chin, Stephen	
ASSISTANT EXAMINER:	Kobayashi, Duane	
LEGAL REPRESENTATIVE:	Fisher, Gerald	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	10	
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 7 Drawing Page(s)	
LINE COUNT:	664	
TI	Digital serializer and time delay regulator	

L6 ANSWER 7 OF 15 USPATFULL

ACCESSION NUMBER: 93:75912 USPATFULL  
TITLE: Method for positioning web-shaped recording substrates in printing devices  
INVENTOR(S): Ludger, Alfs, Munich, Germany, Federal Republic of  
Kristen, Franz, Puchheim, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Mannesmann Aktiengesellschaft, Dusseldorf, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5244293	19930914
APPLICATION INFO.:	US 1992-945864	19920916 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1990-10503002	19900316
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Eickholt, Eugene H.	
LEGAL REPRESENTATIVE:	Kasper, Horst M.	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Figure(s); 14 Drawing Page(s)	
LINE COUNT:	1702	
TI	Method for positioning web-shaped recording substrates in printing devices	

L6 ANSWER 8 OF 15 USPATFULL

ACCESSION NUMBER: 91:99517 USPATFULL

TITLE: Noncontact conveyor feeder system

INVENTOR(S): Schaffer, Eric J., Eden Prairie, MN, United States  
Hanson, David J., Apple Valley, MN, United States

PATENT ASSIGNEE(S): MTS Systems Corporation, Eden Prairie, MN, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5070995	19911210
APPLICATION INFO.:	US 1990-555777	19900719 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1988-242748, filed on 8 Sep 1988, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Olszewski, Robert P.	
ASSISTANT EXAMINER:	Bidwell, James R.	
LEGAL REPRESENTATIVE:	Kinney & Lange	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 7 Drawing Page(s)	
LINE COUNT:	1641	
TI	Noncontact conveyor feeder system	

L6 ANSWER 9 OF 15 USPATFULL

ACCESSION NUMBER: 90:61822 USPATFULL

TITLE: Synchronizing circuit for a video disc playback device

INVENTOR(S): Narusawa, Sadayuki, Hamamatsu, Japan

PATENT ASSIGNEE(S): Yamaha Corporation, Shizuoka, Japan (non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 4947264	19900807
APPLICATION INFO.:	US 1989-388726	19890801 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1986-915071, filed on 3 Oct 1986, now abandoned	

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1985-221784	19851007
	JP 1985-221788	19851007
	JP 1986-102653	19860502
	JP 1986-131156	19860606

DOCUMENT TYPE: Utility  
PRIMARY EXAMINER: Faber, Alan  
ASSISTANT EXAMINER: Young, W. R.  
LEGAL REPRESENTATIVE: Spensley, Horn, Jubas & Lubitz  
NUMBER OF CLAIMS: 5  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 18 Drawing Figure(s); 13 Drawing Page(s)  
LINE COUNT: 1457  
TI Synchronizing circuit for a video disc playback device

L6 ANSWER 10 OF 15 USPATFULL

ACCESSION NUMBER: 89:11331 USPATFULL  
TITLE: Low flight method for automatic course determination  
INVENTOR(S): Feuerstein, Dieter W., Munich, Germany, Federal Republic of  
Bernhard, Otto, Grafing, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Messerschmitt-Bolkow-Blohm GmbH, Munich, Germany,  
Federal Republic of (non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 4805108	19890214
APPLICATION INFO.:	US 1987-13453	19870211 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1986-36044016	19860212
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Lall, Parshotam S.	
ASSISTANT EXAMINER:	Black, Thomas G.	
LEGAL REPRESENTATIVE:	Kenyon & Kenyon	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	443	
TI	Low flight method for automatic course determination	

L6 ANSWER 11 OF 15 USPATFULL

ACCESSION NUMBER: 88:81225 USPATFULL  
TITLE: Image processing system  
INVENTOR(S): Iwase, Hiromichi, Kawasaki, Japan  
Sasaki, Shigeru, Yokohama, Japan  
Gotoh, Toshiyuki, Tokyo, Japan  
Toriu, Takashi, Kawasaki, Japan  
Ozaki, Tohru, Kawasaki, Japan  
PATENT ASSIGNEE(S): Fujitsu Limited, Kangawa, Japan (non-U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 4791678	19881213
APPLICATION INFO.:	US 1988-161274	19880222 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1985-722940, filed on 12 Apr 1985, now abandoned	

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1984-74443	19840413
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Boudreau, Leo H.	
ASSISTANT EXAMINER:	Mancuso, Joseph	
LEGAL REPRESENTATIVE:	Armstrong, Nikaido, Marmelstein & Kubovcik	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	81 Drawing Figure(s); 29 Drawing Page(s)	
LINE COUNT:	1080	

TI Image processing system

L6 ANSWER 12 OF 15 USPATFULL

ACCESSION NUMBER: 87:86303 USPATFULL

TITLE: Concentric detector array and associated hybrid signal processing for coarse and fine electro-optical

tracking

INVENTOR(S): Bremer, James C., Gaithersburg, MD, United States

Hurt, Fred S., Ellicott City, MD, United States

Romanski, John G., Annapolis, MD, United States

Kroupa, Richard F., Pasadena, MD, United States

Kraus, Ronald G., Severna Park, MD, United States

PATENT ASSIGNEE(S): Westinghouse Electric Corp., Pittsburgh, PA, United States (U.S. corporation)

NUMBER	DATE
US 4713533	19871215
US 1986-816097	19860103 (6)

PATENT INFORMATION:

APPLICATION INFO.:

DOCUMENT TYPE:

PRIMARY EXAMINER: Nelms, David C.

ASSISTANT EXAMINER: Oen, William L.

LEGAL REPRESENTATIVE: Sutcliffe, W. G.

NUMBER OF CLAIMS: 18

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 23 Drawing Figure(s); 12 Drawing Page(s)

LINE COUNT: 1317

TI Concentric detector array and associated hybrid signal processing for coarse and fine electro-optical tracking

L6 ANSWER 13 OF 15 USPATFULL

ACCESSION NUMBER: 86:44061 USPATFULL

TITLE: Apparatus for controlling the operating state of an internal combustion engine

INVENTOR(S): Hasegawa, Shumpei, Niiza, Japan

PATENT ASSIGNEE(S): Honda Giken Kogyo Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)

NUMBER	DATE
US 4604703	19860805
US 1983-479396	19830328 (6)

PATENT INFORMATION:

APPLICATION INFO.:

NUMBER	DATE
JP 1982-55890	19820402

PRIORITY INFORMATION:

DOCUMENT TYPE:

PRIMARY EXAMINER: Gruber, Felix D.

LEGAL REPRESENTATIVE: Pollock, VandeSande & Priddy

NUMBER OF CLAIMS: 10

EXEMPLARY CLAIM: 9

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 9 Drawing Page(s)

LINE COUNT: 430

TI Apparatus for controlling the operating state of an internal combustion engine

L6 ANSWER 14 OF 15 USPATFULL

ACCESSION NUMBER: 81:68591 USPATFULL

TITLE: Optimizer industrial test unit

INVENTOR(S): Malcolm, Donald H., Brooklyn Center, MN, United States

PATENT ASSIGNEE(S): Optimizer Control Corporation, Burnsville, MN, United States (U.S. corporation)

NUMBER	DATE
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PATENT INFORMATION: US 4306284 19811215  
APPLICATION INFO.: US 1979-66418 19790814 (6)  
DOCUMENT TYPE: Utility  
PRIMARY EXAMINER: Ruggiero, Joseph F.  
LEGAL REPRESENTATIVE: Haugen, Orrin M.; Nikolai, Thomas J.  
NUMBER OF CLAIMS: 7  
EXEMPLARY CLAIM: 2  
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 18 Drawing Page(s)  
LINE COUNT: 1162  
TI Optimizer industrial test unit

L6 ANSWER 15 OF 15 USPATFULL  
ACCESSION NUMBER: 76:2476 USPATFULL  
TITLE: Method of controlling supply of power  
INVENTOR(S): Giras, Theodore C., Pittsburgh, PA, United States  
PATENT ASSIGNEE(S): Westinghouse Electric Corporation, Pittsburgh, PA,  
United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 3932735	19760113
APPLICATION INFO.:	US 1972-223378	19720203 (5)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1970-66591, filed on 24 Aug	

No. 1970, now abandoned which is a continuation of Ser.

US 1968-722805, filed on 19 Apr 1968, now abandoned which is a continuation of Ser. No. US 1965-425588, filed on 14 Jan 1965, now abandoned

DOCUMENT TYPE: Utility  
PRIMARY EXAMINER: Morrison, Malcolm A.  
ASSISTANT EXAMINER: Wise, Edward J.  
LEGAL REPRESENTATIVE: Possessky, E. F.  
NUMBER OF CLAIMS: 67  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)  
LINE COUNT: 1441  
TI Method of controlling supply of power

L6 ANSWER 13 OF 15 USPATFULL

DETD . . . performed since, in the case where the guard value is set to a value corresponding to the minimum resolution, the **quantizing** error in the sampling value may be mistaken for the change amount between the sampling value at this time and. . .

CLM What is claimed is:

. . . appeared one-time before said latest sample signal; comparing said subtraction signal with a predetermined value so as to produce a **correction command** signal when said subtraction signal exceeds said predetermined value; correcting said latest sample signal by adding thereto an additive signal related to said subtraction signal under the existence of said **correction command** signal; and establishing said operating command for the engine in response to the corrected latest sample signal.

. . . two-times before said latest sample signal; comparing said first subtraction signal with a predetermined value so as to produce a **correction command** signal when said first subtraction signal exceeds said predetermined level; producing a second subtraction signal representative of a difference in. . . said latest sample signal by adding an additive signal related to said second subtraction signal under the existence of said **correction command** signal; and establishing said operating command for the engine in response to the corrected latest sample signal.

. . . between said first and second differences; comparing said first subtraction signal with a predetermined value so as to produce a **correction command** signal when said first subtraction signal exceeds said predetermined value; correcting said latest sample signal by adding thereto an additive signal related to an addition of said first and third subtraction signals under the existence of said **correction command** signal; and establishing said operating command for the engine in response to the corrected latest sample signal.

L6 ANSWER 14 OF 15 USPATFULL

DETD The Correction Encoder circuit 44 encodes the **correction command** to the required count. The specific manner in which **correction commands** are generated will be described later. Suffice it to say for now, if the reference count is too low, a positive **correction command** will be generated. This will result in an output from the Correction Encoder circuit of +1. The output of the. . .

DETD In a similar fashion, a negative **correction command** will cause the Correction Encode circuit 44 to generate a binary count of 11111110 which corresponds to a -1. As. . .

DETD . . . of correction buffering explained above results in the suppression of noise induced by insignificant fluctuations in the engine

performance and **quantizing** errors introduced by the digital counting method. Thus, the buffered correction outputs will be truly a correction signal required to. . .

DETD Due to noise in the tach signals and the **quantization** error introduced in the process of counting, it is common to get meaningless fluctuations of the correction signals. That is,. . .

L6 ANSWER 15 OF 15 USPATFULL

SUMM . . . check on system efficiencies, achieved by the digital control,